



## 24 RACEWAY 2010 HORNET RULES

January 8, 2010

1. **ROLL CAGE** - Six point roll cage required, must be not less than 1.50 inch outside diameter and must have a wall thickness of at least .095 inches. Rear hoop must have "X" bracing configuration. Rear kickers required. Must have 1.5 inch O.D. crossbar in top halo. Drivers head must not protrude above cage with helmet on and strapped in driver's seat. Roll cage must be securely supported and braced. No brazing or soldering allowed. No sharp ends outside of door. **Petty bar on driver side mandatory.** Three horizontal door bars and steel plate on driver side mandatory – You can skin out the door to put these in. Two horizontal door bars on passenger side. Both sides must have vertical bracing from top to bottom door bars. Door bars both vertical & horizontal must be minimum 1.5 inch O.D. and .095inch wall thickness. **MUST HAVE PICKUP CHAINS ON FRONT AND REAR!**
2. **SAFETY** – ALUM RACING SEATS MANDATORY and must be mounted to roll cage. No fiberglass seats allowed. Five point safety belts, sub belt and shoulder harness required (**Y-type shoulder harness not allowed**). Belts must be mounted to frame and cage, **recommended to be no more than one year old.** Must have 4 bars (3/8" dia.) spaced evenly apart on left side of windshield opening with mud screen attached. SFI-approved full fire suit required. **NO KART SUITS OR FLAME RETARDENT COVERALLS.** Two piece fire suits allowed. *Fire retardant gloves, shoes, head sock and underwear recommended.* **Full coverage** helmets are required and must be Snell SA2000, SA2005 or SFI 31.1/2005. Helmet must be worn at all times car is on the track and must accompany vehicle at time of inspection. Fire retardant neck braces (or head and neck restraint), **gloves and shoes** mandatory. **Recommended Head, Neck and Shoulder Restraint.** Roll bar padding required in driver compartment. *Fire retardant padding recommended.* Fire extinguisher is required and must be securely mounted within driver reach.  
  
Driver-side window net mandatory (no string type nets). Window net to be mounted **to roll cage** so latch is at top front of drivers' side window. Arm restraints optional. Additional safety equipment optional.  
  
Kill switch required within easy reach of driver and must be clearly marked "OFF" and "ON".
3. **BRAKES** - Four wheel working stock brakes. Absolutely no altering.
4. **FUEL** - Pump Gas only. No altered fuel. No performance additives. **Gas tank ahead of rear axle allowed but must install shield under it. Gas tank behind rear axle must be replaced with** maximum 12 gallon fuel cell and must be securely fastened inside car anywhere behind driver by at least two 1/8 inch thick solid steel straps, two inches wide around cell, above level of stock floor pans and trunk floor. Fuel cell must be in steel container. All cell mounts must be steel, attached to frame cage. No adjustable fuel cell mounts. Firewall must be between driver and fuel cell. Fuel cell vent's, **including cap vent,** must have check valves. **If racing fuel cell does not have aircraft style positive seal filler neck/cap system – a flapper, spring or ball type filler rollover valve is required. External electric fuel pump**

**wired to the ignition switch allowed with aftermarket fuel cell. No cool cans.** Fuel lines through driver compartment must be in metal pipe or metal conduit. No fuel filters in driver compartment.

5. **TIRES AND WHEELS** - Stock wheels only. All 4 wheels must be the same size. Tire size: 13 – 16” D.O.T. approved passenger tires only. No mud tires allowed.
  
6. **ENGINE AND CARBURETOR** - No turbos or super chargers. No quad 4’s or 4 valves per cylinder. **Only 2 valves per cylinder.** Four cylinder only. No modifications to engine. Maximum cylinder compression is 190 pounds. No ignition changing chip. Air conditioner condenser and A/C pump may be removed. Inertia switch (fuel shut off - Ford) may be removed. Rear seat may be removed. Electric cooling fan may be wired to run constantly. Stock steering column must start with key. Lead weight optional but must be fastened with two 1/2" bolts and painted white with car number on it. **Stock OEM headers allowed, no after market headers.**
  
7. **BODIES** - 1980 or newer American made only - Ford, GM, Mopar. Hood and trunk lids must have hinges. Hood latches must be removed and two hood pins are required in the front part of the hood. All tail lights, head lights, side mirrors and all window glass must be removed. Doors must be welded or bolted shut. No body modifications. Stock ride height. No removing of sheet metal such as hood, trunk, doors, etc. If O.E. body parts are unavailbly you can use same gauge steel to make replacement, **MUST BE STOCK APPEARING. MUST HAVE PICKUP CHAINS FRONT AND REAR.**
  
8. **Car Numbers:** All cars must have large legible numbers on both doors, top, front and back in contrasting color from body
  
9. **DRIVE TRAIN** - Front wheel drive only. Stock suspension in stock position. Spring rubbers O.K. Stock transmission. No locked differential.
  
10. **Weight:** Minimum weight is one pound per CC of engine size with driver after race.
  
11. **CAR CLAIM - \$1000** cash claim on whole car. **Claim does not include – 1. Racing seat, 2. Safety belts, 3. Fuel cell and electric fuel pump if equipped. HEAD CLAIM - \$200 cash claim on head.** First four position finishers (whether running or not) are subject to car **or head** claim by any other driver finishing fifth on back in feature and on the same lap as the fourth place car. Driver is allowed to make one claim per event, regardless of outcome of that claim. In case of multiple claims, car will go to qualified claiming driver finishing farthest back. Driver making claim must drive his race car immediately after finish of feature, under its own power, directly to the claiming area. Only drivers and officials allowed in claiming area. Claims must be made within 5 minutes of end of feature race and claim must be accepted or denied within 5 minutes of offer.

All claims must be made to track official. Only drivers may claim. Refusal to sell forfeits all points and cash and contingency winnings for that night, and car and driver are suspended from the Hornet class for the next two weeks. No driver may claim more than one car per regular season, plus number of times you have been claimed. Must participate in two consecutive events to claim.

***Remember this is a beginner class and is for fun.***

*These are not race cars, they are cars you race.*

*If the rules do not say you can do it, DON'T DO IT.*

*Any questions or concerns contact Johnny Sessler at 573-254-3712*

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